

20030310.ba v03\_n458.bam.20030310

>From ???@??? Mon Mar 10 09:57:46 2003 -0600  
Message-Id: <200303101557.h2AFvem3029471@sco.theporch.com>  
Date: Mon, 10 Mar 2003 09:57:31 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3458

BOATANCHORS Digest 3458

Topics covered in this issue include:

- 1) Re: BC-348R conversion/ps  
by David Stinson <arc5@ix.netcom.com>
- 2) Re: Collins 51Q aka TCS, 1st sell date?  
by WA5CAB@cs.com
- 3) For Sale: Various Items  
by David Hollander <n7rk@cox.net>
- 4) Re: \*\*\*Re: Elmer books  
by Andy Wallace <wallace@world.std.com>
- 5) Re: \*\*\*Re: Elmer books  
by "ed sharpe" <esharpe@uswest.net>
- 6) Re: \*\*\*Re: Elmer books  
by "ed sharpe" <esharpe@uswest.net>
- 7) Tubes  
by Bob Kemp <bkemp@bobkemp.com>
- 8) Re: BC348 conversion/ps  
by "JAMES T HANLON" <knjhanlon@msn.com>
- 9) Have some LED digits f/s  
by Bob Kemp <bkemp@bobkemp.com>
- 10) Re: \*\*\*Re: Elmer books  
by "Ed Zeranski" <ezeran@concentric.net>
- 11) WCC Chatham 147.5 kcs ??  
by "Hue Miller" <kargo\_cult@msn.com>
- 12) Re: WCC Chatham 147.5 kcs ??  
by "Kenneth Hickman" <n5cm@rtconline.com>
- 13) Re: WCC Chatham 147.5 kcs ??  
by "Richard Dillman" <ddillman@igc.org>
- 14) RE: Collins KWS-1  
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
- 15) Re: WCC Chatham 147.5 kcs ??  
by "Hue Miller" <kargo\_cult@msn.com>
- 16) For sale: Regulated 0-300 volt power supply.  
by Meyer Gottesman <wrecktech@yahoo.com>

-----  
Message-ID: <3E6A9040.DC9A6763@ix.netcom.com>

Date: Sat, 08 Mar 2003 18:52:17 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BC-348R conversion/ps  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Do not connect the B- to ground in a BC-348.  
It returns through a resistance designed to provide bias  
to the audio output. You will fry your audio output transformer  
and tube if you ground the B- for long.  
CQ magazine printed a 348 "power supply" that fried lots of  
output stages, and it has sadly lived on to this day.  
Then people said the rig didn't have enough  
audio, so they tore out the audio stages and jake-legged in  
some jury-rig, and all because someone wrote a magazine  
article without taking a moment to actually look at the circuit.  
It's an unfortunately common story in milsurplus circles.

I will dig up the good information and get it to you.  
73 Dave S.

-----  
From: WA5CAB@cs.com  
Message-ID: <129.24f13cd1.2b9bee89@cs.com>  
Date: Sat, 8 Mar 2003 20:10:33 EST  
Subject: Re: Collins 51Q aka TCS, 1st sell date?  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_129.24f13cd1.2b9bee89\_boundary"

--part1\_129.24f13cd1.2b9bee89\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Marty, Ed & Group,

TCS is 18Q. 51Q is receiver only. 56Q is transmitter only. Other  
components had other nomenclature like 409M, 413C, 416T-(n), etc. for some of  
the power supplies, 314M for the remote, 190Z for the antenna loading coil,  
etc.

In a message dated 3/8/2003 6:08:00 PM Central Standard Time,  
boatanchors@theporch.com writes:  
> Re:

> Date: Thu, 6 Mar 2003 11:20:29 -0800  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> >>Now for TCS. I THINK it first was printed as the civvy 51Q in 1939.  
> >  
> >Can anyone corroborate?  
> >  
> >Collins reflector &google yield naught  
> >  
> > THANKS!  
> >  
> > Marty  
> I do not have the info handy but 1939 is the date I remember reading for  
> the  
> Collins 51 sets.

73  
Robert Downs  
Houston  
<wa5cab@cs.com>

--part1\_129.24f13cd1.2b9bee89\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_129.24f13cd1.2b9bee89\_boundary--

-----  
Message-ID: <3E6B566C.418D8EEC@cox.net>  
Date: Sun, 09 Mar 2003 07:57:46 -0700  
From: David Hollander <n7rk@cox.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: For Sale: Various Items  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Here is a bunch of stuff for sale. Prices do not include shipping unless specified.

Click on the links for pictures.

Still have parts for the:

Hallicrafters SX-96 - chassis parts only  
Swan 500C

What do you need?

URM-25E Signal Generator - US Navy with Manual (copy).....\$120  
This well built unit covers 10 kHz to 50 MHz in 8 bands. The  
unit has been tested and works great. No accessories  
<http://members.cox.net/radiostuff9/urm25e2.jpg>  
<http://members.cox.net/radiostuff9/urm25e3.jpg>

U.S. Army Signal Corps Flame Proof Key J-5-A.....\$75  
Excellent condition  
<http://members.cox.net/radiostuff9/flameproofkey.jpg>  
<http://members.cox.net/radiostuff9/flameproofkey2.jpg>

Superior Instruments Model CA-12 Signal Tracer.....\$30  
Works and includes probe. No manual  
<http://members.cox.net/radiostuff9/sigtracer.jpg>

Omega-T Antenna Noise Bridge.....\$35  
Excellent condition in original box  
<http://members.cox.net/radiostuff9/omeganoisebridge.jpg>

B&W Model 600 Grid Dip Meter with Manual (copy).....\$45  
<http://members.cox.net/radiostuff9/BW6002.jpg>

TU-75A Transmitter Tuning Unit - New in Box!.....\$85  
This is a VHF transmitter. The photos show it as found and removed  
from the box with the dust removed. I have not been able to find any  
info on this unit. Based on the 4-45 stamped on the box, I believe it is

from W.W.II The unit is untested.  
<http://members.cox.net/radiostuff9/tu75a.jpg>  
<http://members.cox.net/radiostuff9/tu75a6.jpg>  
<http://members.cox.net/radiostuff9/tu75a7.jpg>  
<http://members.cox.net/radiostuff9/tu75a5.jpg>

International VHF Converter/Power Supply.....\$25

A home-brew power supply assembly which has an International FCV-2, 2 meter converter, a VFA-1 pre-amp, and a home-brew oscillator. The circuit board on the FCV-2 is cracked. Looks like it is (or was) a tunable VHF converter.

<http://members.cox.net/radiostuff9/hbconverter.jpg>

<http://members.cox.net/radiostuff9/hbconverter2.jpg>

GenRad W50MBB Variac Autotransformer - appears new - \$300

<http://members.cox.net/radiostuff9/bigvariatic.jpg>

<http://members.cox.net/radiostuff9/bigvariatic2.jpg>

<http://members.cox.net/radiostuff9/bigvariatic3.jpg>

Dow Key Mast Mount Coax Switch.....\$35

Three position remote switch that mounts to a mast and allows you to switch three antennas while only running one coax line up the tower through the use of a dc remote control box. This has been tested and works as it should using 12 volts dc. The unit uses the same type of

relays as the Dow key station relay units (see photo). This would work very well with a quad where you have separate feed lines for each band. The mast mounting bracket is missing.

<http://members.cox.net/radiostuff9/dowkey3way2.jpg>

<http://members.cox.net/radiostuff9/dowkey3way3.jpg>

Superior Instruments Model 77 VTVM. (3 tube unit with a lighted scale. Inside looks excellent but needs work) ..\$15

<http://members.cox.net/radiostuff9/superiormeter.jpg>

U.S. Navy LM-13 Frequency Meter

A U.S. Navy LM-13 Heterodyne Frequency Meter covering 125 kHz to 20 MHz.

The unit is in nice

condition but it is untested.....\$20

<http://members.cox.net/radiostuff9/lm13.jpg>

<http://members.cox.net/radiostuff9/lm132.jpg>

Heathkit Electronic Switch Model S-2 with original manual....\$25

[http://members.cox.net/radiostuff9/heath\\_switch.jpg](http://members.cox.net/radiostuff9/heath_switch.jpg)

I will ship overseas.

You can check my user ID "n7rk" on Eb\*ry for a reference as to dealing with me.

Thanks for looking and 73,

Dave N7RK

--

\*\*\*\*\*

Dave N7RK <http://members.cox.net/n7rk>  
Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#23 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National  
and what ever else looks interesting!

-----

From: Andy Wallace <wallace@world.std.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: \*\*\*Re: Elmer books  
Date: Sun, 09 Mar 2003 10:28:33 -0500  
Message-ID: <03nm6vgpe53k35ltk9fbb9mogcfmjvcaf3@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello, "ed sharpe" <esharpe@uswest.net>!

>Just remembered the title of the book from third grade I built the first  
>crystal set from it was called all about radio and television. the first set  
>used a blued razor blade and was called a 'foxhole set'

I think I still have that around here someplace -- it was my brother's from when  
he was a kid. If I remember right, it had a grey cloth cover. There was another  
book I also borrowed in the same series, about the stars and planets. Great  
stuff.

I tried building that foxhole radio -- maybe it was because I used a one-sided  
razor blade, not the blued double-edge kind -- but I couldn't hear a thing.  
Later, I built a set described in a 1975(76?) Popular Mechanics which used a  
1N34 diode, and that was one of the most sensitive xtal sets I have ever built  
or used. I put an output transformer on it and had the local station driving a  
speaker.

Another book I checked out of the local library a dozen times in the 1970s was  
Hank Bennett's original SHORT WAVE LISTENING HANDBOOK. Great reading.  
Same library also had a copy of HARPER'S WIRELESS BOOK -- all about spark gap  
era stuff, copyright 1914 if I remember right. Final chapter was about the  
Titanic.

I can't remember relatives' birthdays but I do remember my favorite library shelf was Dewey Decimal 621.384!

--73,

Andy

wallace@theworld.com

"Well. Great! I'll be a single guy living at home with his parents. All I need now is to dust off the old HAM RADIO, start collecting tropical fish -- I'll be the biggest loser in the world!"

--Drew Carey

-----  
Date: Sun, 9 Mar 2003 10:26:31 -0700  
Message-ID: <001701c2e661\$0795f700\$0100a8c0@SONYDIGITALED>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: \*\*\*Re: Elmer books  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

yes if the dust jacket was missing that is the color of it as I remember too!

ed sharpe archivist for smecc

----- Original Message -----

From: "Andy Wallace" <wallace@world.std.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, March 09, 2003 8:28 AM  
Subject: Re: \*\*\*Re: Elmer books

> Hello, "ed sharpe" <esharpe@uswest.net>!

>

> >Just remembered the title of the book from third grade I built the first  
> >crystal set from it was called all about radio and television. the first  
set

> >used a blued razor blade and was called a 'foxhole set'

>

> I think I still have that around here someplace -- it was my brother's  
from when

> he was a kid. If I remember right, it had a grey cloth cover. There was  
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> book I also borrowed in the same series, about the stars and planets.

Great  
> stuff.  
>  
> I tried building that foxhole radio -- maybe it was because I used a  
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>  
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gap  
> era stuff, copyright 1914 if I remember right. Final chapter was about the  
> Titanic.  
>  
> I can't remember relatives' birthdays but I do remember my favorite  
library  
> shelf was Dewey Decimal 621.384!  
>  
>  
> --73,  
> Andy  
> wallace@theworld.com  
> "Well. Great! I'll be a single guy living at home  
> with his parents. All I need now is to dust off the  
> old HAM RADIO, start collecting tropical fish --  
> I'll be the biggest loser in the world!"  
> --Drew Carey  
>  
>  
>

-----  
Date: Sun, 9 Mar 2003 14:14:16 -0700  
Message-ID: <009e01c2e680\$d834da60\$0100a8c0@SONYDIGITALED>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: \*\*\*Re: Elmer books  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If I can find the copy here with the pristine Dust Jacket we can make some color copy machine copies of it.... I believe it will fit in the 11x17 color machine at kinkos..

hard thing to ship though unless we had mailing tubes...

ed!

----- Original Message -----

From: "ed sharpe" <esharpe@uswest.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, March 09, 2003 10:26 AM  
Subject: Re: \*\*\*Re: Elmer books

> yes if the dust jacket was missing that is the color of it as I remember  
> too!  
> ed sharpe archivist for smecc  
> ----- Original Message -----  
> From: "Andy Wallace" <wallace@world.std.com>  
> To: "Old Tube Radios" <boatanchors@theporch.com>  
> Cc: "Old Tube Radios" <boatanchors@theporch.com>  
> Sent: Sunday, March 09, 2003 8:28 AM  
> Subject: Re: \*\*\*Re: Elmer books  
>  
>  
> > Hello, "ed sharpe" <esharpe@uswest.net>!  
> >  
> > >Just remembered the title of the book from third grade I built the first  
> > >crystal set from it was called all about radio and television. the  
> first  
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> >  
> > I think I still have that around here someplace -- it was my brother's  
> from when  
> > he was a kid. If I remember right, it had a grey cloth cover. There was  
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> > stuff.  
> >  
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> one-sided  
> > razor blade, not the blued double-edge kind -- but I couldn't hear a  
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used  
> a  
> > 1N34 diode, and that was one of the most sensitive xtal sets I have ever  
> built  
> > or used. I put an output transformer on it and had the local station  
> driving a  
> > speaker.  
> >  
> > Another book I checked out of the local library a dozen times in the  
1970s  
> was  
> > Hank Bennett's original SHORT WAVE LISTENING HANDBOOK. Great reading.  
> > Same library also had a copy of HARPER'S WIRELESS BOOK -- all about  
spark  
> gap  
> > era stuff, copyright 1914 if I remember right. Final chapter was about  
the  
> > Titanic.  
> >  
> > I can't remember relatives' birthdays but I do remember my favorite  
> library  
> > shelf was Dewey Decimal 621.384!  
> >  
> >  
> > --73,  
> > Andy  
> > wallace@theworld.com  
> > "Well. Great! I'll be a single guy living at home  
> > with his parents. All I need now is to dust off the  
> > old HAM RADIO, start collecting tropical fish --  
> > I'll be the biggest loser in the world!"  
> > --Drew Carey  
> >  
> >  
> >  
>  
>  
>

-----  
Message-ID: <3E6BDC2E.4060604@bobkemp.com>  
Date: Sun, 09 Mar 2003 18:28:30 -0600  
From: Bob Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tubes  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Anyone need some used tested good 6BG6's or 5U4's.  
Let me know I've got some. \$4.00 each on the 5U4's and \$2.50 each on  
the 6BG6's.  
Bob.

-----  
From: "JAMES T HANLON" <knjhanlon@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "boatanchors" <boatanchors@theporch.com>  
Subject: Re: BC348 conversion/ps  
Date: Sun, 9 Mar 2003 17:42:16 -0700  
MIME-Version: 1.0  
Content-Type: multipart/alternative; boundary="-----  
=\_NextPart\_001\_0000\_01C2E663.39F05E00"  
Message-ID: <DAV78PGw2Rq2XsHAVP0003f55b@hotmail.com>

-----=\_NextPart\_001\_0000\_01C2E663.39F05E00  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Tom,

I am not a Bc348 expert, although I do have a couple of Belmont Radio BC3=48R's waiting their turn in the garage.

I do have a rather dog-eared article in my Surplus Radio Conversion Manual, Volume I, 1948, titled "Converting the BC348 Receiver." It includes information on building an ac power supply, rewiring the filaments, matching the speaker, adding another audio stage and a noise limiter, adding an S-meter, etc. I will take it to work tomorrow and make a Xerox copy for you.

One hint that might have to do with your power supply loading situation, the article says that the B- on the BC348Q is NOT grounded. However, the schematic that they publish is for the BC348J and it shows the B- from the dynamotor grounded for that version. =20

Also, Fair Radio Sales ([www.fairradio.com](http://www.fairradio.com)) does list a repro manual for the BC348J-N-Q in their WS-02 Catalog for \$12. I have their manual for the BC348 K-L-R, and it is a good, loose-leaf copy. You might want to make the investment. Let them know that you have a "Q." They may have a special schematic for it.

Better plan on replacing all of the "black beauty" bypass capacitors. They have a bad reputation for shorting out.

73 and good luck!

Jim, W8KGI

you wrote:

I am restoring a BC-348Q that I thought was original but it has obviously had some initial work done to add an AC powersupply. Has there ever been a conversion article published to add a 110 vac powersupply. and the changes needed and any easy way to rewire the filaments for 6.3VAC? I have acquired a nice dynamotor plate to mount my new power supply but am having some difficulty getting the B+ incorporated. The schematic indicates that two connections to the B+ (brown wire traces) and B- to ground but when that is used it is loading down the p/s. The B+ feeds do not indicate any shorts. Any suggestions?  
Tom Koch - W4UOC

-----=\_NextPart\_001\_0000\_01C2E663.39F05E00  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_001\_0000\_01C2E663.39F05E00--

-----  
Message-ID: <3E6BE119.6040702@bobkemp.com>  
Date: Sun, 09 Mar 2003 18:49:29 -0600  
From: Bob Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Have some LED digits f/s  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Anyone need some red digits with the following part numbers?

FND507 (543-06)

FND502 (818-06)

Not sure what all belongs with the part number if it's just the FND XXX  
or the whole thing.

Anyway, that's all the marking on the items they are about 3/4" square.

Bob

-----  
Message-ID: <003a01c2e6bc\$b79bdb00\$6d89dd40@ejzlt>  
From: "Ed Zeranski" <ezeran@concentric.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: \*\*\*Re: Elmer books  
Date: Sun, 9 Mar 2003 20:22:50 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Old books, well lets see, books...

David Kobey's Dad ( Middletown Del.) made him a kit for a crystal set  
sometime in 1956. I was 10 years old and totally amazed! Dave and I were  
geeks. My Dad had an RCA WWII 88 shortwave RX with no cabinet and busted  
dial but we put up a 120ft wire in the poplar trees. I was fascinated! We  
could hear the 2MC fishing boats and foreign broadcast. So the  
books...First was Ghardis Radio Physics Course and his radio trouble  
shooting book, Markus radio theory and troubleshooting books, followed by  
Terman Radio Handbook ( on shit WWII paper) then the later volumes.  
Actually could not find enough at the time so also spent coke  
bottle pennies the CQ Command Set compendium ( still have it, 1960) and  
AMECO Ham Radio Course I guess I had the basic ones by 1964 and still have  
them.

-----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WCC Chatham 147.5 kcs ??  
Date: Sun, 9 Mar 2003 23:07:31 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <0E159dNQrsAZXITZFP10000ab72@hotmail.com>

So, why did RCA's Chatham station WCC transmit on 147.5 kcs? The ship wouldn't be expected to reply on such a low frequency, would it? I don't think i've ever seen a ship transmitter capable, i mean after the 1920s, of transmitting that low.

Also, i see Chatham's 500 kcs frequency had 40 kw input. Wow!!

-Hue Miller

-----  
Message-ID: <000801c2e6f8\$9464b120\$414e9844@jhptj01>  
From: "Kenneth Hickman" <n5cm@rtconline.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: WCC Chatham 147.5 kcs ??  
Date: Mon, 10 Mar 2003 05:31:19 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Hue & Gang,

Remember WCC's press transmissions? UPI (I believe) sent news to their subscribers on HF....Don't remember the frequency but it was sent by machine, probably a Boehme Keying Head at 38 WPM....Beautiful!  
Back WW2 days....

Ken....N5CM....NNN0FKQ....

----- Original Message -----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Monday, March 10, 2003 1:07 AM  
Subject: WCC Chatham 147.5 kcs ??

> So, why did RCA's Chatham station WCC transmit  
> on 147.5 kcs? The ship wouldn't be expected to  
> reply on such a low frequency, would it? I don't  
> think i've ever seen a ship transmitter capable, i mean  
> after the 1920s, of transmitting that low.

>  
> Also, i see Chatham's 500 kcs frequency had 40 kw  
> input. Wow!!  
>  
> -Hue Miller  
>

-----  
From: "Richard Dillman" <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 10 Mar 2003 05:18:40 -0800  
MIME-Version: 1.0  
Subject: Re: WCC Chatham 147.5 kcs ??  
CC: ham-radio-history@egroups.com  
Message-ID: <3E6C2030.2649.14B861@localhost>  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 9 Mar 2003 at 23:07, Hue Miller wrote:

> So, why did RCA's Chatham station WCC transmit  
> on 147.5 kcs? The ship wouldn't be expected to  
> reply on such a low frequency, would it? I don't  
> think i've ever seen a ship transmitter capable, i mean  
> after the 1920s, of transmitting that low.

This low frequency bank was actually quite active for ship to shore work. Depending on what reference one consults the band began as low as 90kc and extended to 190kc. If I remember the calling frequency was 114kc (to be confirmed when I return home). Each station had it's own working frequency, 147.5 for WCC for example. At KPH it was 126kc. The interesting thing is that KPH is still authorized for operation in this band at some quite substantial power in this band. In old photos we can see the 126kc antenna out near Building 1, the first building on that site which held both the original rotary gap and the replacement Alexanderson alternators as well as later tube sets.

The 100kc band seems to be used for high speed traffic primarily with large passenger liners equipped for working on these frequencies.

> Also, i see Chatham's 500 kcs frequency had 40 kw input. Wow!!

Yes, as was KPH although WCC may have had the better abtebba with their famous 500kc tower out in a salt marsh! In later days the same transmitter was used on 500kc (600m) at both stations, a two frequency RCA set the size of a room. At Bolinas, the KPH

transmitting site, the transmitter was designated BL-1 and still exists in a somewhat vandalized form. Some interesting stories about BL-1 may be seen on our Web site below.

The transmitter at WCC is completely gone as far as I know. But I recently discovered a twin of BL-10 virtually intact at an ex-USCG transmitter station on Fire Island, NY.

VY 73,

RD

Current Location: Houston, TX

=====

Richard Dillman, W6AWO  
Member of the Maritime Radio Historical Society  
<<http://www.radiomarine.org>>  
Collector of Heavy Metal:  
Harleys, Willys and Radios over 100lbs.

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Content-Class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Subject: RE: Collins KWS-1  
Date: Mon, 10 Mar 2003 09:25:14 -0600  
Message-ID: <42ECC21B33DFF245BAFAF57274BA5CE50D98FA@stpmse04.stp.guidant.com>  
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>  
To: Old Tube Radios <boatanchors@theporch.com>

You can pick up the KWS-1 and safely transport it standing up or laying =  
down with no problems as long as you are personally transporting it. =  
The problem is only when a KWS-1 is to be packed and shipped. Then the =  
plate transformer and choke must be removed or you risk significant =  
damage. =20

When I bought and picked up a Johnson Desk KW last spring, all the =  
transformers were removed prior to my arrival. I thought it odd to =  
remove them since I was personally transporting it. Seller told me to =  
pick up the power transformer. Yikes. There was no way on this earth =  
that I could have moved that Desk KW 1" closer to the Jeep with all that =  
iron in it. As it was, I had to take Motrin for a couple of days after =  
getting the Desk KW pieces into the house, installing the transformers, =  
and getting the transmitter deck up into the cabinet :^))) I think =  
that whole rig is around 400 pounds, minus the desk.



Now I don't want all you BC-610 guys to email me telling me what a real = transmitter weighs and to stop whinning :^)))))

73, Scott WA9WFA

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From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: WCC Chatham 147.5 kcs ??  
Date: Mon, 10 Mar 2003 07:39:16 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <0E158DcQZFyAfU34pFH0000c088@hotmail.com>

----- Original Message -----

From: "Kenneth Hickman" <n5cm@rtconline.com>

> Hi Hue & Gang,  
>  
> Remember WCC's press transmissions? UPI (I believe) sent news to their  
> subscribers on HF....Don't remember the frequency but it was sent by  
> machine, probably a Boehme Keying Head at 38 WPM....Beautiful!  
> Ken....N5CM....NNN0FKQ....

I tell you, the world sorely needs such press transmissions  
again. Not necessarily at 40 kw, even just 100s of watts  
would be fine, but reliably there, night after night.  
Hue

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Message-ID: <20030310155716.63226.qmail@web10005.mail.yahoo.com>  
Date: Mon, 10 Mar 2003 07:57:16 -0800 (PST)  
From: Meyer Gottesman <wrecktech@yahoo.com>  
Subject: For sale: Regulated 0-300 volt power supply.  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

For sale:

Solid state regulated power supply. Sorenson. Built  
like a tank! 0 to 300 volts regulated at up to 1.5  
amps. Dual metering. All the "bells and whistles" such  
as adj. current limiting, etc.

Rack mountable.

Sacrifice \$150.00 plus shipping/packing/insurance via  
UPS ground FOB Warner Robins, GA. ZIP: 31088.

Personal checks welcome and do not cause a delay.

(478)741-1710. Macon, GA

73,

Meyer Gottesman, W6GIV

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Do you Yahoo!?

Yahoo! Tax Center - forms, calculators, tips, more  
<http://taxes.yahoo.com/>

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End of BOATANCHORS Digest 3458

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